

Encapsulation and Enhanced Delivery of Topoisomerase I Inhibitors in Functionalized Carbon Nanotubes

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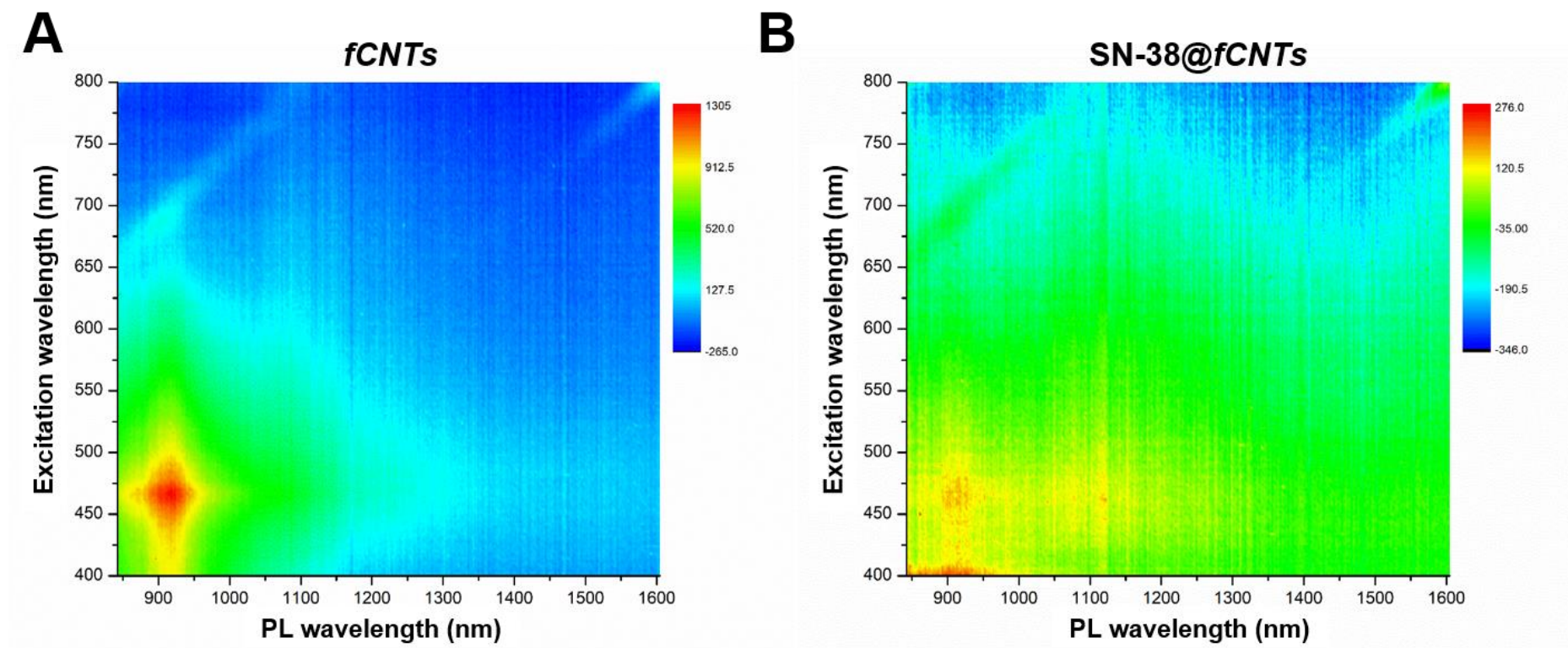


Figure S1 Fluorescence-excitation color maps measured for (A) *fCNTs* and (B) SN-38@*fCNTs*. Both samples were measured at the same concentration determined by absorbance.

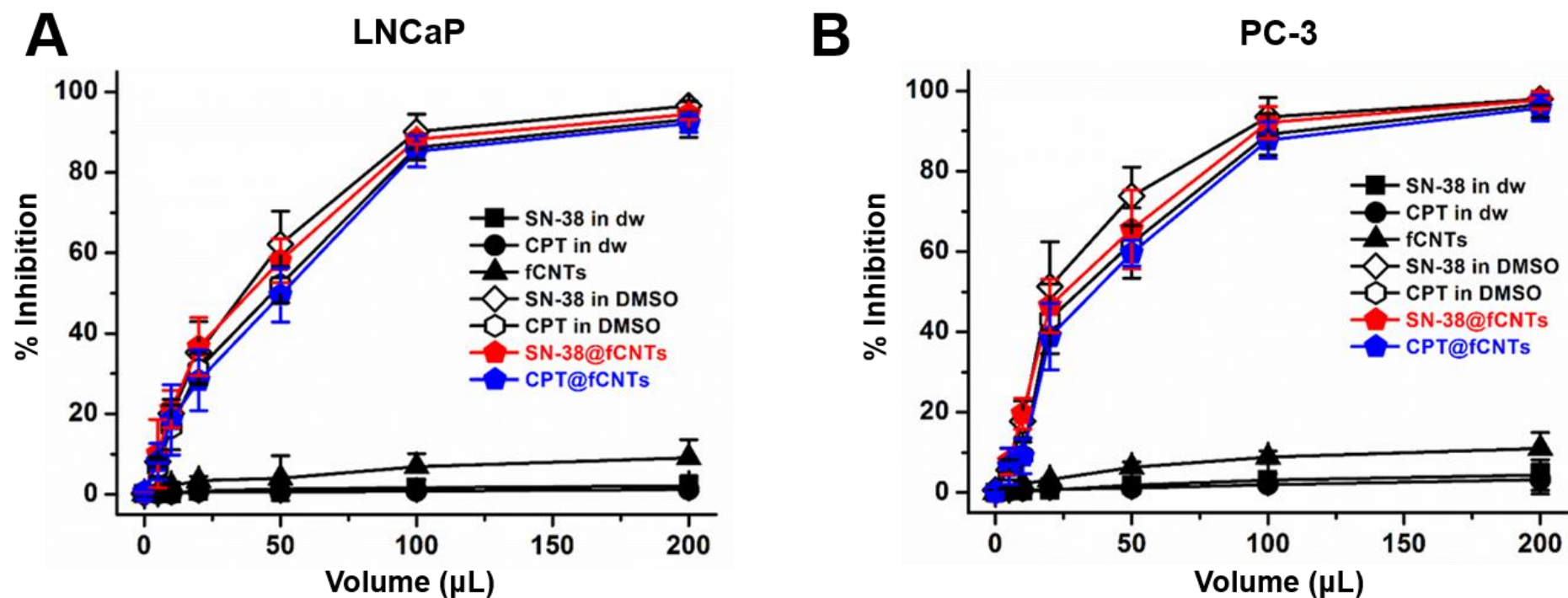


Figure S2 Amount of SN-38, CPT encapsulated fCNTs and equivalent amount of SN-38 and CPT in dw and DMSO dependent (A) LNCaP and (B) PC-3 growth inhibition

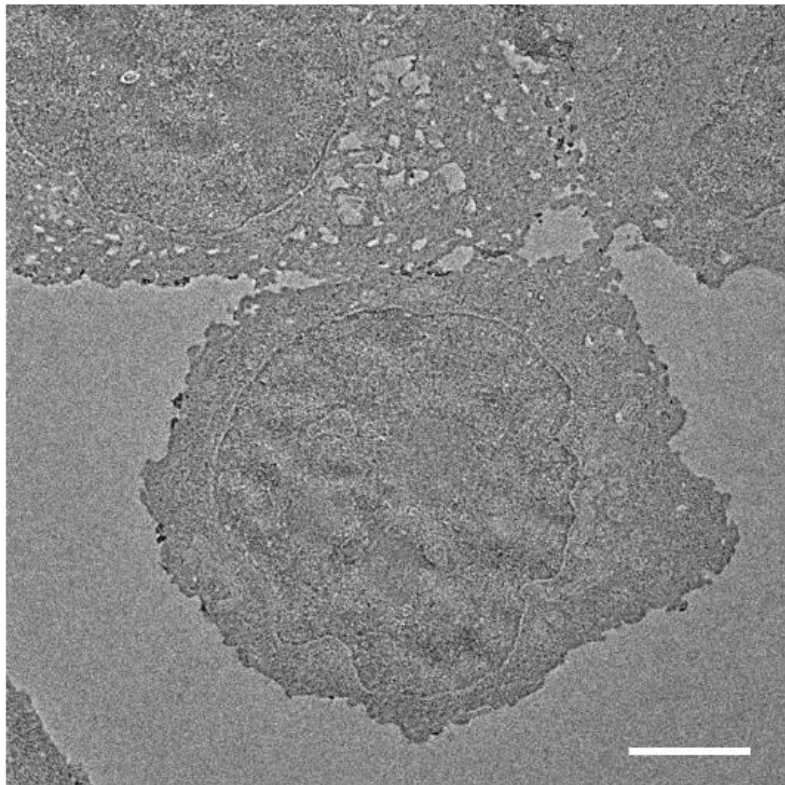
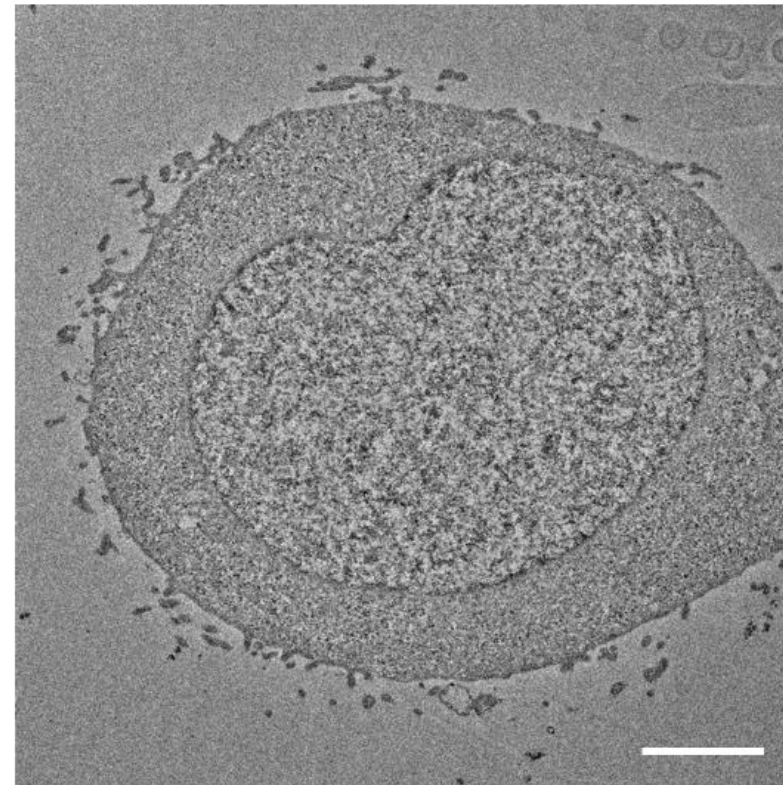
A**PC3****B****PC3 + CPT@fCNTs**

Figure S3 TEM image of (A) PC3 and (B) PC3 after incubation with CPT@fCNTs. Scale bar represents 10 μm .

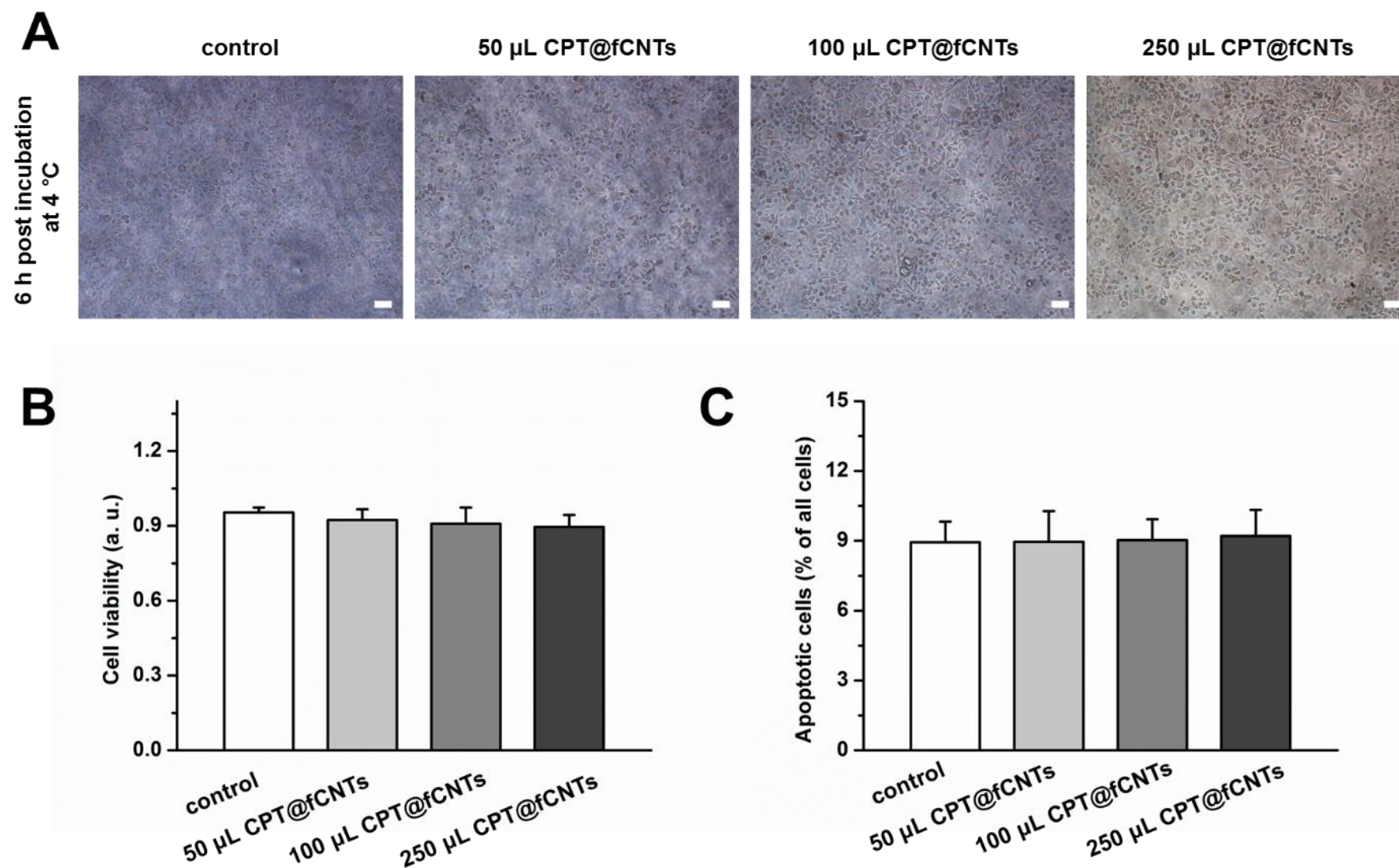


Figure S4. SW480 (A), (B) viability and (C) % apoptotic cells after incubation with CPT@fCNTs for 6 h at 4 °C. Scale bar represents 20 μ m.

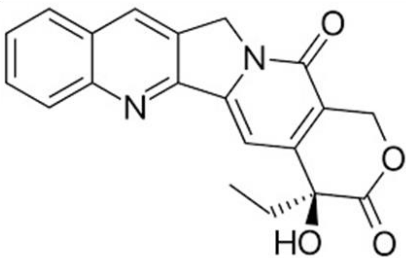
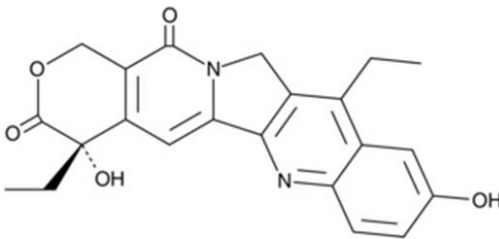
		
	Camptothecin (CPT)	SN-38
Molecular Weight	348.4	392.4
Formula	$C_{20}H_{16}N_2O_4$	$C_{22}H_{20}N_2O_5$
LogP	1.74	1.87

Table S1. Structure and properties of two topoisomerase I inhibitors.